

Power Cost Memorandum Fuel Cost Update

Date: **December 17, 2020**

Utility Name (Cert. No.) KOKHANOK VILLAGE COUNCIL (660)	Utility File No. PC59-03150	Date Filed: November 6, 2020
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PCE AMOUNT SUMMARY	Previously Approved PC59-0315N	Staff Recommended Amount(s) and Effective Date PC59-0315O
Class Rate	<u>Date Approved:</u> July 1, 2020	December 18, 2020
ALL	\$0.6077	\$0.4707
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$ 4.7212</u>	New Fuel Purchase Price: <u>\$ 3.2876</u>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	<u>Gallons</u>		<u>Price</u>		
On-hand before deliv.	10,890	X	4.7212	=	51,414
Delivered	88,800	X	3.1118	=	276,329
	<u>99,690</u>				<u>327,743</u>
					Weighted Average
					\$ 3.2876

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 12/17/20)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RNP</i>		
McAlpine		<i>SM</i> SM		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson		<i>JW</i> JW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

KOKHANOK VILLAGE COUNCIL

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING DECEMBER 31, 2014
Fuel Cost Update

APPENDIX 1

		PC59-0315N	PC59-0315O
		Prior Staff Calculated	Utility Request
			Staff Recommended
A.	Total kWh Generated & Purchased	422,835	422,835
B.	Total kWh Sold	358,953	358,953
C.	Total Non-Fuel Costs (Appendix 2)	133,201	133,201
D.	Non-Fuel Cost/kWh (C / B)	\$0.3711	\$0.3711
E.	Total Power Costs (Appendix 2)	\$170,459	\$118,699
F.	Fuel Costs/kWh (E / B)	0.4749	\$0.3307
G.	Eligible Costs/kWh (D + F)	0.8460	\$0.7018
H.	Eligible Cost/kWh (G) less base rate in effect	\$0.6397	\$0.4955
I.	Lesser of (H) or 79.37/ cents/kWh	\$0.6397	\$0.4955
J.	Average Class Rates (Appendix 3)		
	ALL	\$0.6937	\$0.6937
Class Power Cost Equalization Per kwh Payable			
K.	Lesser of: (I) X 95% or (J)		
	ALL	\$0.6077	\$0.4707
L.	Funding Level in Effect	100%	100%
	ALL	\$0.6077	\$0.4707

PC59-0315O
Appendix 1

KOKHANOK VILLAGE COUNCIL

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY FOR TEST PERIOD ENDING DECEMBER 31, 2014

Fuel Cost Update

		PC59-0315N	PC59-0315O	
		Prior Staff Calculated	Per Utility	Per Staff
Non-Fuel Costs:				
A.	Personnel Costs	91,967	91,967	91,967
B.	Operating Expenses	15,613	15,613	15,613
C.	General and Administrative	11,001	11,001	11,001
D.	Depreciation	14,620	14,620	14,620
E.	Interest Expense	0	0	0
F.	Other (Describe)	0	0	0
G.	Total Non-Fuel Costs	133,201	133,201	133,201
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	36,105	36,105	36,105
I.	Price of Fuel:(per gal.) Weighted Average	\$4.7212	\$3.2876	\$3.2876
J.	Total Cost of Fuel	\$170,459	\$118,699	\$118,699
K.	kWh Generated Diesel	409,000	409,000	409,000
	kWh Wind	13,835	13,835	13,835
	Total kWh Generated	422,835	422,835	422,835
L.	kWh Sales	358,953	358,953	358,953
M.	kWh Station Service	30,926	30,926	30,926
N.	Efficiency	≥	Eff. Std. 10.50	11.33
O.	Line Loss	≤	Eff. Std. 12%	7.79%
(kWh generated -(kWh sold + Station Service))/kWh generated				

Calculation of Average Class Rate per kWh

Rate Schedule: ALL

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (E)/(A)	(7) Avg. Rate (\$/kWh) - 0.2063 /kWh
500	0.9000	0.0000	0.9000	450.00		
500				450.00	0.9000	0.6937
TOTAL (A)				(E)		

Calculation of Community Facilities Average Rate

Rate Schedule: ALL

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2063
0 to ∞	0.9000	0.0000	0.9000	0.6937
Next to				
Next to				
Next to				
Next to				

Kokhanok Village Council

	Invoice Number	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory			10,890			
Last Approved Fuel Cost/Gal.				\$ 4.7212		
Beginning Fuel Inventory in Gallons	X	Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost --->				\$ 51,414
Reporting Period Purchases	4362REV	04/11/20	3,200	3.1900		10,208
	4464	05/19/20	3,200	3.2500		10,400
	4508	06/16/20	3,200.3	3.5510		11,364
	18-2289	06/22/20	25,000	2.9600		74,000
	18-2342	07/20/20	30,000	2.9600		88,800
	18-2454	09/03/20	24,200	3.3700		81,554
						-
						-
						-
						-
						-
						-
						-
						-
						-
						-
						-
Totals for Reporting Period Purchases on this sheet:			88,800			276,326
Grand Totals (beginning inventory plus purchases)	A		99,690		B	\$ 327,740

Grand Total Cost divided by Grand Total Gallons = $\frac{3.2876}{3.1118}$ Weighted Avg. Cost per gallon
Purchases: Total Cost divided by Grand Total Gallons = $\frac{3.1118}{3.1118}$ Weighted Avg. Cost per gallon

Kokhanok did not provide a mark-up schedule. Staff requested the schedule in an email to Kokhanok on December 9, 2020.

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